

Technical Soil Descriptions

Technical soil descriptions describe the characteristics or properties (physical and chemical) of the soil including the parent material in which it formed. A pedon, a small three-dimensional area of the soil, serves as the reference point for the technical or soil series description. The soil description compares the soil to similar and other nearby soils and also includes a range of important characteristics. The detailed description method follows standards outlined in the [Soil Survey Manual](#) and many of the technical terms used in the description are defined in [Soil Taxonomy](#).

Counties with Published Soil Surveys

Technical soil descriptions are located in the county soil survey descriptive legend.

Counties without Published Soil Surveys

Technical soil descriptions can be found in adjacent county published soil survey descriptive legends or at our [Official Soil Series Description](#) web site.

This section includes:

- (a) **Classification of the soils**

Harrison County, Missouri
Classification of the Soils

(An asterisk in the first column indicates a taxadjunct to the series. See text for a description of those characteristics that are outside the range of the series.)

Soil name	Family or higher taxonomic class
*ADAIR-----	Fine, montmorillonitic, mesic Aquic Argiudolls
*ARMSTRONG-----	Fine, montmorillonitic, mesic Aquertic Hapludalfs
COLO-----	Fine-silty, mixed, mesic Cumulic Endoaquolls
GARA-----	Fine-loamy, mixed, mesic Mollie Hapludalfs
*GARA-----	Fine-loamy, mixed, mesic Mollie Hapludalfs
GASCONADE-----	Clayey-skeletal, mixed, superactive, mesic Lithic Hapludolls
GRUNDY-----	Fine, montmorillonitic, mesic Aquertic Argiudolls
*GRUNDY-----	Fine, montmorillonitic, mesic Aquertic Argiudolls
HAIG-----	Fine, montmorillonitic, mesic Vertic Argiaquolls
HUMESTON-----	Fine, montmorillonitic, mesic Argiaquic Argialbolls
*LADOGA-----	Fine, montmorillonitic, mesic Vertic Hapludalfs
LAGONDA-----	Fine, montmorillonitic, mesic Aquertic Argiudolls
*LAGONDA-----	Fine, montmorillonitic, mesic Aquertic Argiudolls
*LAMONI-----	Fine, montmorillonitic, mesic Aquertic Argiudolls
NODAWAY-----	Fine-silty, mixed, nonacid, mesic Mollie Udifluvents
*PERSHING-----	Fine, montmorillonitic, mesic Vertic Epiqualfs
SHELBY-----	Fine-loamy, mixed, mesic Typic Argiudolls
*SHELBY-----	Fine-loamy, mixed, mesic Typic Argiudolls
WABASH-----	Fine, montmorillonitic, mesic Cumulic Vertic Endoaquolls
WELLER-----	Fine, montmorillonitic, mesic Aquertic Chromic Hapludalfs
ZOOK-----	Fine, montmorillonitic, mesic Cumulic Vertic Endoaquolls